

ABSTRAK

Nur'aini Istiqomah: *Pengembangan Bookmagz Kimia sebagai Sumber Belajar Mandiri bagi Siswa Kelas XI SMA/MA Materi Pokok Sistem Koloid*. Skripsi. Yogyakarta: Program Sarjana, Universitas Negeri Yogyakarta, 2014.

Penelitian ini merupakan penelitian pengembangan dalam bidang pendidikan kimia. Penelitian ini bertujuan untuk mengembangkan *bookmagz* kimia materi pokok sistem koloid sebagai sumber belajar mandiri bagi siswa kelas XI SMA/MA yang sesuai dengan Standar Isi dan menentukan kualitasnya.

Model pengembangan yang digunakan dalam penelitian ini adalah model prosedural. Prosedur pengembangan *bookmagz* kimia terdiri dari empat tahap yaitu tahap perencanaan, tahap pengorganisasian, tahap pelaksanaan, dan tahap penilaian. Produk awal *bookmagz* kimia ditinjau oleh dua orang *peer review* (teman sejawat), satu orang ahli materi dan pembelajaran, dan satu orang ahli media. *Bookmagz* kimia hasil revisi dinilai oleh lima guru kimia SMA/MA selaku *reviewer*. Penilaian kualitas *bookmagz* kimia menggunakan instrumen penilaian berupa angket aspek penilaian yang mencakup lima komponen yaitu; 1) kelayakan materi, 2) kelayakan penyajian, 3) kebahasaan dan gambar, 4) isi *bookmagz*, dan 5) penampilan *bookmagz*. Hasil penilaian berupa data kualitatif yang diubah menjadi skor kemudian ditabulasi dan dianalisis dengan pedoman kriteria kategori penilaian ideal untuk menentukan kualitas *bookmagz* kimia.

Berdasarkan hasil penelitian, diperoleh prosedur pengembangan *bookmagz* kimia yaitu; **pertama** menentukan tujuan dan tinjauan terhadap Standar Isi, **kedua** mengumpulkan referensi materi dan gambar, **ketiga** membuat *bookmagz* kimia dan menyusun instrumen penilaian, **keempat** peninjauan oleh *peer review* (teman sejawat), ahli materi dan pembelajaran, dan ahli media, **kelima** penilaian dan peninjauan oleh *reviewer* (lima guru kimia SMA/MA). Berdasarkan penilaian *reviewer*, produk *bookmagz* kimia mempunyai kualitas sangat baik (SB) dengan skor rata-rata 167 dan persentase keidealan sebesar 87,89%. *Bookmagz* kimia ini layak digunakan sebagai sumber belajar mandiri.

Kata kunci: *bookmagz* kimia, penelitian pengembangan, sumber belajar mandiri
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ABSTRACT

Nur'aini Istiqomah: *Development Of Chemistry Bookmagz as Self Learning Resource for Senior High School Students at Grade XI Subject Matter Colloidal System.* Undergraduate Thesis. Yogyakarta: Undergraduate, Yogyakarta State University, 2014.

This research was a development research in chemistry education. The aims of this research were to develop chemistry bookmagz subject matter colloidal system as self learning resource for senior high school students at grade XI which fulfill the Standard of Content and to determine the quality of chemistry bookmagz.

The model of development was procedural model. The procedur to develop chemistry bookmagz consisted of four step, those were planning, organizing, executing, and assessing. The early product of chemistry bookmagz was reviewed by two peer review, one material and learning expert, and one media expert. The revised chemistry bookmagz product was assessed by five chemistry teachers of senior high school as reviewers. The assessment quality of chemistry bookmagz in form a questionnaire were consisted of five assesment component, i.e 1) material worthiness, 2) presentation worthiness, 3) language and picture, bookmagz content, and 5) appearance of bookmagz. The result of assessment were qualitative data which changed to score then was tabulated and analyzed considering criteria guidelines of ideal assessment category to determine the quality of chemistry bookmagz.

Based on the result of this research, the procedure for developing chemistry bookmagz i.e; *first*, determine the aim and the review of the Content Standards; *second*, collect the reference material and image; *third*, make chemistry bookmagz and prepare assessment instruments; *four*, a reviewed by peer review, material and learning expert, and media expert; *fifth*, assessed and reviewed by reviewer . Based on the assessment from the reviewer, the chemistry bookmagz product had very good with its average score 167 and ideally percentage 87.89%. This chemistry bookmagz could be used for self learning resource.

Keywords: chemistry bookmagz, development research, self learning resource

Disciplines: chemistry education

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